



Use of Small UAS for Earthquakes at NASA's Jet Propulsion Laboratory

UAS Best Practices Panel at the 2017 Continuing Challenge

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NASA/JPL

- NASA is not an operational agency
- NASA Goals
 - Expand the frontiers of knowledge, capability, and opportunity in space
 - Advance understanding of Earth and develop technologies to improve the quality of life on our home planet
 - Serve the American public and accomplish our Mission by effectively managing our people, technical capabilities, and infrastructure.
- NASA's Science Mission Directorate conducts scientific exploration that is enabled by access to space
- Emergency response and research goals may intersect

NASA/JPL's Use of Small UAS

- Describe how UAS are used by Agency

sUAS Program Organization

- How UAS programs are organized in your agency – part of Department or stand alone

Effective Types of sUAS Missions

- Types of missions found to be effective with UAS Support

sUAS Mission Management

- Describe a typical UAS mission is managed – from Identification of need to transfer of information to Incident Commander/ Project Leader

Transfer of Information

- how your agency conducts a typical mission and information flow of the results to the Incident Commander/ Program Manager